

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1 to 12 (Canceled).

13. (Previously Presented) A set, comprising:
a battery charger, charge parameters of the battery charger being variable;
a unit including a battery to be charged;
a connection element removable from the battery charger;
and
an arrangement outside the battery charger configured to automatically determine at least one electrical parameter of a charge upon connection of the unit to the battery charger via the connection element.

14. (Previously Presented) The set according to claim 13, wherein the arrangement is arranged in the connection element.

15. (Previously Presented) The set according to claim 13, wherein the arrangement includes at least one electronic component.

16. (Previously Presented) The set according to claim 15, wherein the electronic component includes a resistor.

17. (Previously Presented) The set according to claim 14, wherein the connection element includes a connector configured to cooperate with a complementary connector of the battery charger, the arrangement arranged in the connector of the connection element.

18. (Previously Presented) The set according to claim 14, wherein the arrangement is arranged in one a cable of the

connection element and a connector configured to cooperate with a complementary connector of the unit.

19. (Previously Presented) The set according to claim 13, wherein the battery charger is configured to charge a battery of a portable telephone.

20. (Previously Presented) A battery charger, comprising:

an arrangement configured to vary at least one charge parameter; and

at least one input configured to receive one of an element and a signal to determine the charge parameter.

21. (Previously Presented) The battery charger according to claim 20, wherein the input includes an input of a connector configured to cooperate with a complementary connector of an element configured to connect to a unit to be charged.

22. (Previously Presented) A connection element configured to connect a battery charger to a battery unit, comprising:

at least one component configured to determine in the battery charger parameters of a charge of the battery unit, the connection element removable from the battery charger.

23. (Previously Presented) The connection element according to claim 22, wherein the at least one component includes at least one electronic component, terminals of the electronic component configured to connect to the battery charger via a connector of the connection element.

24. (Previously Presented) The connection element according to claim 23, wherein the electronic component includes a resistor.

25. (Previously Presented) A battery unit configured to connect to a battery charger through a connector, comprising:
an arrangement configured to automatically determine electrical parameters of a charge generated by the battery charger upon connection of the battery unit to the battery charger via the connector.

26. (Previously Presented) The battery unit according to claim 25, wherein the arrangement includes at least one electronic component connected to a pair of terminals connectable to an electrical circuit of the battery charger, the electrical component configured to determine the charge parameters of the battery charger.

27. (Previously Presented) The battery unit according to claim 26, wherein the at least one electronic component includes a plurality of electronic components.

28. (Previously Presented) The battery unit according to claim 26, wherein the electronic component includes a resistor.

29. (New) The set according to claim 13, wherein the connection element includes a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit.

30. (New) The set according to claim 13, wherein the battery charger is connectable to a plurality of connection elements having varying geometric shapes, the plurality of connection elements including the connection element.

31. (New) The set according to claim 13, wherein the battery charger includes at least one terminal connectable to a high potential current provider.

32. (New) The battery charger according to claim 20, further comprising at least one terminal connectable to a high potential current provider.

33. (New) The set according to claim 13, wherein the connection of the unit to the battery charger forms an electric circuit, the at least one electrical parameter automatically determined as a function of a components value of the electric circuit.

34. (New) The set according to claim 13, wherein the unit is one of a plurality of units, the battery charger connectable to each unit of the plurality of units, the connection element connectable only to the unit.

35. (New) The set according to claim 13, wherein the at least one electrical parameter includes at least one of a voltage parameter and a current parameter.

36. (New) The connection element according to claim 22, further comprising a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit.